## **OHSS**

## **Division of Community and Public Health**

USGS map of
Missouri
Human Cases
(updated
weekly)

## Missouri Department of Health and Senior Services 2016 Reports of Mosquito-borne Disease in Humans Week 52 Ending December 31, 2016

Total verified domestic human mosquito-borne disease cases: 10 Total verified domestic mosquito-borne disease-related fatalities\*: 0

PLEASE NOTE: This official case count reported by Missouri Department of Health and Senior Services may include cases still under investigation or in various stages of testing, including supplemental or confirmatory laboratory testing. These results are preliminary and subject to change.

Table 1: West Nile virus and other domestic arboviruses

Arbovirus	Case Status	Laboratory Confirmed	County Name	Imported From	Onset Date	Fatality*	Hospitalized
		Commined	Hume				
WNV	Probable	No	St. Louis	Not Imported	8/12/2016	No	Yes
WNV	Probable	No	Cape Girardeau	Not Imported	8/13/2016	No	Yes
VVIV	TTODADIC	110	Girardead		0/13/2010	110	163
WNV	Confirmed	Yes	Jackson	Not Imported	8/15/2016	No	Yes
				Not			
WNV	Probable	No	Vernon	Imported	8/20/2016	No	Yes
				Not			
WNV	Probable	No	Jackson	Imported	9/1/2016	No	Yes
				Not			
WNV	Probable	No	Clay	Imported	9/12/2016	Unknown	Yes
				Not			
WNV	Probable	No	St. Louis	Imported	9/14/2016	No	Yes
				Not			
WNV	Probable	No	St. Louis	Imported	9/18/2016	No	Yes
				Not			
WNV	Probable	No	St. Louis	Imported	9/19/2016	Unknown	Unknown
				Not			
WNV	Probable	No	St. Louis	Imported	9/21/2016	No	Yes

Summary of Domestic Human Mosquito-borne Disease Cases Reported by Local Health Agency

	<u>U</u>		
Local Health Agency	Number of Reported Cases		
St. Louis	5		
Cape Girardeau	1		
Jackson	2		
Vernon	1		
Clay	1		

**Table 2: Imported Chikungunya virus infections** 

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality*	Hospitalize d
CHICK	Confirmed	Yes	Not Imported	9/29/2016	Unknown	Unknown

**Table 3: Imported dengue infections** 

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality	Hospitalized
		Commined	Out of			
DEN	Confirmed	Yes	Country	1/15/2016	No	No
			Out of			
DEN	Confirmed	Yes	Country	1/15/2016	No	No
			Out of			
DEN	Probable	No	Country	2/23/2016	No	Yes
			Out of			
DEN	Confirmed	Yes	Country	5/4/2016	No	No
			Out of			
DEN	Confirmed	No	Country	7/14/2016	No	No
			Out of			
DEN	Probable	No	Country	7/16/2016	No	No
			Out of			
DEN	Probable	No	Country	7/25/2016	No	Yes
			Out of			
DEN	Probable	No	Country	8/4/2016	No	No
			Out of	0/4//2044		
DEN	Probable	No	Country	8/14/2016	No	No
DEM		N	Out of	0/00/0015	3.7	
DEN	Probable	No	Country	8/22/2016	No	No
DEM		*7	Out of	0/0/2015	X	** 1
DEN	Confirmed	Yes	Country	9/9/2016	Unk	Unk
DEM			Out of	10/25/2015		
DEN	Probable	No	Country	10/27/2016	No	Yes

**Table 4: Imported zika infections** 

A L .		Laboratory	Imported		I'i	
Arbovirus	Case Status	Confirmed	From	Onset Date	Fatality	Hospitalized
			Out of			
ZIKA	Confirmed	Yes	Country	1/13/2016	No	No
ZIKA	Confirmed	Yes	Out of Country	1/13/2016	No	No
ZIII	Commined	103	Out of	1/13/2010	110	110
ZIKA	Probable	No	Country	2/22/2016	Unk	Unk
			Out of			
ZIKA	Confirmed	Yes	Country	3/29/2016	No	No
ZIKA	Confirmed	Yes	Out of Country	5/31/2016	No	No
21111	Commune	105	Out of	3/31/2010	110	110
ZIKA	Confirmed	Yes	Country	6/1/2016	Unk	Unk
			Out of			
ZIKA	Probable	No	Country	6/7/2016	No	Yes
ZIKA	Confirmed	Yes	Out of Country	6/7/2016	Unk	Unk
ZIII	Commined	105	Out of	0/7/2010	Clik	Ciik
ZIKA	Confirmed	Yes	Country	6/9/2016	Unk	Unk
			Out of			
ZIKA	Confirmed	Yes	Country	6/9/2016	No	Unk
ZIKA	Confirmed	Yes	Out of Country	6/16/2016	Unk	Unk
ZIII	Commined	105	Out of	0/10/2010	Clik	CIIK
ZIKA	Confirmed	Yes	Country	6/16/2016	Unk	Unk
			Out of			
ZIKA	Confirmed	Yes	Country Out of	6/23/2016	No	Unk
ZIKA	Confirmed	Yes	Country	7/1/2016	No	Unk
		100	Out of	77172010	1,0	0
ZIKA	Confirmed	Yes	Country	7/9/2016	No	No
		*7	Out of	7/15/2016	** 1	XX 1
ZIKA	Confirmed	Yes	Country Not	7/15/2016	Unk	Unk
ZIKA	Probable	No	Imported	7/18/2016	Unk	Yes
			Out of	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
ZIKA	Confirmed	Yes	Country	7/19/2016	No	No
77117. 4	Confirmal	Vaa	Out of	7/27/2016	Ma	N.
ZIKA	Confirmed	Yes	Country Out of	7/27/2016	No	No
ZIKA	Probable	No	Country	7/28/2016	Unk	Unk
			Out of			
ZIKA	Confirmed	Yes	Country	7/29/2016	No	No
77117. 4	Confirmal	V	Out of	7/20/2016	Ma	N.
ZIKA	Confirmed	Yes	Country Out of	7/30/2016	No	No
ZIKA	Confirmed	Yes	Country	7/31/2016	Unk	Unk
			Out of			
ZIKA	Confirmed	Yes	Country	8/1/2016	Unk	Unk
711//	Confirmed	Vas	Out of	Q/1/201 <i>4</i>	I Inle	I Inla
ZIKA	Confirmed	Yes	Country Out of	8/1/2016	Unk	Unk
ZIKA	Probable	No	Country	8/2/2016	Unk	Unk
			Out of			
ZIKA	Confirmed	Yes	Country	8/6/2016	Unk	Unk
ZIKA	Confirmed	Yes	Out of State	8/7/2016	No	No
LINA	Committee	103	State	0/ // 2010	110	110

			Out of			
ZIKA	Confirmed	Yes	Country	8/8/2016	Unk	Unk
			Out of			
ZIKA	Confirmed	Yes	Country	8/10/2016	Unk	Unk
			Out of			
ZIKA	Confirmed	Yes	Country	8/14/2016	Unk	Unk
			Not			
ZIKA	Probable	No	Imported	8/14/2016	No	No
			Out of			
ZIKA	Probable	No	Country	8/14/2016	No	Yes
			Out of			
ZIKA	Confirmed	Yes	Country	8/15/2016	No	No
			Out of			
ZIKA	Confirmed	Yes	Country	9/11/2016	No	No
			Out of			
ZIKA	Confirmed	Yes	Country	9/26/2016	No	Unk
			Out of			
ZIKA	Confirmed	Yes	Country	10/21/2016	No	No
			Out of			
ZIKA	Confirmed	Yes	Country	10/31/2016	No	No
			Out of			
ZIKA	Confirmed	Yes	Country	11/7/2016	Unk	Unk
		·	Out of			
ZIKA	Confirmed	Yes	Country	12/1/2016	No	No

**WNV** = **West Nile virus** 

**SLE** = **St.** Louis encephalitis virus

**DEN** = dengue virus

**EEE** = Eastern Equine encephalitis virus

**CHIK** = chikungunya virus

**ZIKA** = **zika** virus

N/A = Information not available

\*The immediate causes of death in patients with West Nile and other related viral encephalitis commonly include pneumonia, heart attack, pulmonary embolism, septicemia, etc., rather than direct neurological damage or dysfunction, per se. For some individuals with serious pre-existing health problems, West Nile virus infection is a contributory cause of death.

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